

SINGLE CORE FLEXIBLE - CU/PVC/PVC



Single core, Flexible copper conductor, 0.6/1 kV, PVC (V-90/V-90HT) insulated, PVC (5V-90) sheathed as per AS/NZS 5000.1

* **Conductor** : Copper class 5 (for 1.5-6 sqmm) and class 6 (for 10-300 sqmm) as per AS/NZS 1125

Nominal wire diameter is less than 0.3 mm

* **Insulation:** PVC (V-90/V-90HT) as per AS/NZS 3808

* **Outer sheath:**PVC (5V-90) as per AS/NZS 3808

* **Operating Temperature:** 90°C

* **Current rating shall be as per AS/NZS 3008.1.1**

Core identification: Red or other as per client request

Sheath colour: Orange or other as per client request

| Nominal Conductor Area | Nominal Insulation Thickness | Nominal Sheath Thickness | Approximate Overall Diameter | Approximate Weight |
|------------------------|------------------------------|--------------------------|------------------------------|--------------------|
| mm ² | mm | mm | mm | kg/km |
| 1.5 | 0.8 | 1.4 | 5.7 | 50 |
| 2.5 | 0.8 | 1.4 | 6.2 | 65 |
| 4 | 1 | 1.4 | 7.2 | 90 |
| 6 | 1 | 1.4 | 7.7 | 110 |
| 10 | 1 | 1.4 | 8.7 | 155 |
| 16 | 1 | 1.4 | 9.7 | 220 |
| 25 | 1.2 | 1.4 | 11.5 | 330 |
| 35 | 1.2 | 1.4 | 12.6 | 420 |
| 50 | 1.4 | 1.4 | 14.4 | 570 |
| 70 | 1.4 | 1.4 | 16.1 | 780 |
| 95 | 1.6 | 1.5 | 18.5 | 1045 |
| 120 | 1.6 | 1.5 | 20 | 1275 |
| 150 | 1.8 | 1.6 | 22.2 | 1565 |
| 185 | 2 | 1.7 | 24.1 | 1945 |
| 240 | 2.2 | 1.8 | 28.1 | 2560 |
| 300 | 2.4 | 1.9 | 30.1 | 3140 |